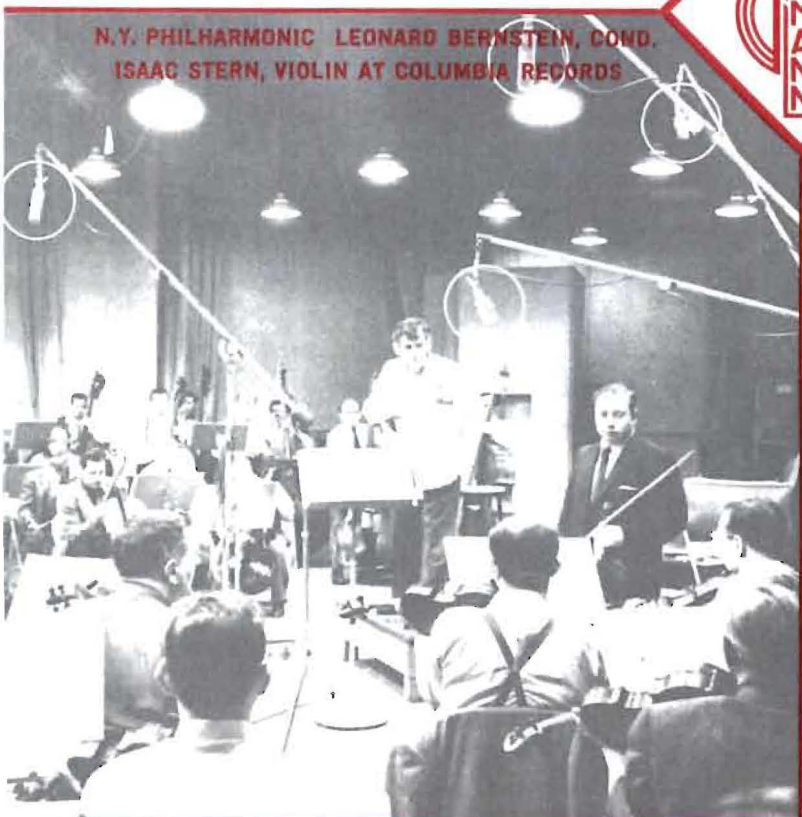




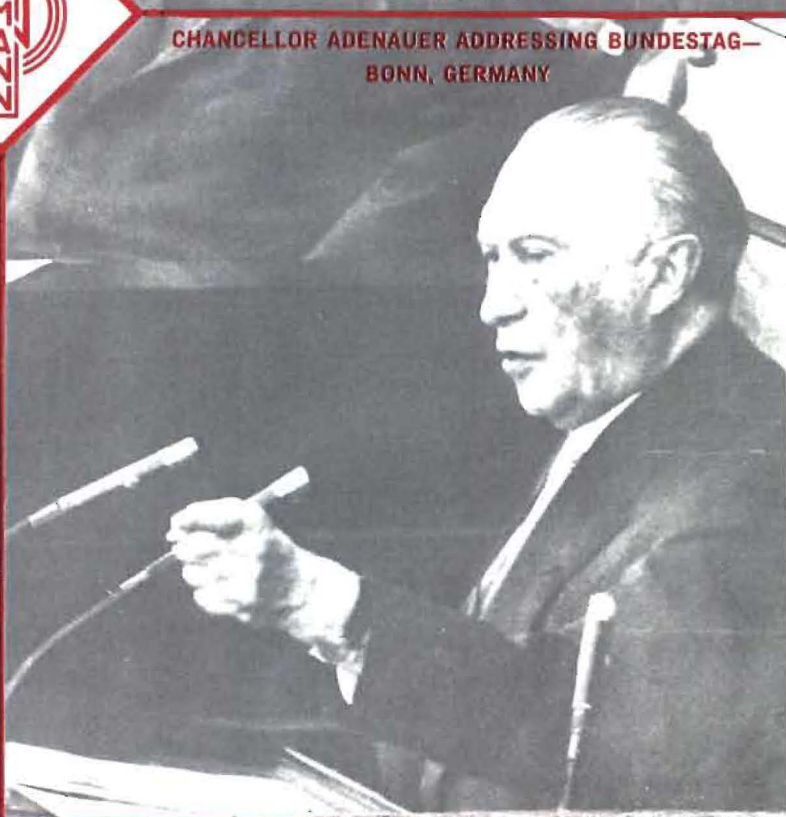
LONG PLAYING STEREO RECORD ALBUM—*des. by* *you*
CAPITOL RECORDS INC.



N.Y. PHILHARMONIC LEONARD BERNSTEIN, COND.
ISAAC STERN, VIOLIN AT COLUMBIA RECORDS



LONG PLAYING RECORD ALBUM RELEASE—
CAPITOL RECORDS INC.



CHANCELLOR ADENAUER ADDRESSING BUNDESTAG—
BONN, GERMANY



**SELECTED EVERY TIME...FOR
QUALITY & DEPENDABILITY**





NEUMANN **U-47a and U-48a** **Microphone Systems**

These microphones have become the standard of the American Recording, Broadcasting, and Film industries, and are the only condenser microphones in their price range featuring a switchable directional characteristic.

Frequency Range: 30-20,000 cps
Output Impedance: 50/200 ohms switchable
Field Pattern: Switchable non-directional or cardioid
Non-linear distortion: Less than 0.9% entire range to 110 dB absolute
Dimensions: Microphone: 2½" dia.; 8" length. Power supply: 8½" x 4" x 4¾"
Weight: Microphone: 1½ lbs. Power supply: 4 lbs.
Operate on 115 volt 40-60 cycles.

Complete microphone systems consist of microphone, power supply (type NG) inter-connect cable (type UC-3), Z-37 full elastic suspension, AC power cable, U. S. fuse holder, pilot light, power connector and XLR output receptacle with mating cable connector. See price schedule for system makeups available.

U-48a System Same as above but Field Pattern selectable either bi-directional or cardioid.



NEUMANN **M-49b** **Remote Control Directional-** **Pattern Microphone System**

Fast becoming a favorite in international broadcasting, this microphone permits remote control of the directional characteristic. A smooth, continuous fader-control selects any of the basic directional patterns (non-directional, bi-directional, and cardioid) and any intermediate pattern. Wide frequency response with extremely low distortion, a slight roll-off of frequencies below 40 cycles to prevent shock-noise interference, and extreme ruggedness, make the M-49b the ideal "work-horse" for studio and remote recording, as well as single-mike pick ups from concert halls.

Dimensions: Microphone: 3" dia.; 6¼" length. Power supply: 8½" x 4" x 4¾"
Weight: Microphone: 1¾ lbs. Power supply: 5½ lbs.
Frequency range: 30-20,000 cps
Output impedance: 50/200 switchable
Field pattern: Continuously variable through all characteristics — omni-directional, cardioid and figure-eight and all intermediate pattern configurations
Non-linear distortion: less than 0.3% entire range to 110 dB absolute.

Complete microphone system consists of microphone, power supply (type NN-48), interconnect cable (type C-26), AC power cable, XLR output connector, and MZ-49 swivel mounting harness.



NEUMANN
KM-53a, KM-54a & KM-56
Miniature Condenser Microphone System
 (KM-56—shown at left)

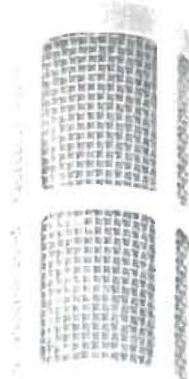
This miniature condenser microphone is one of the latest to join the precision Neumann line. Its quality is in every way similar to the U-47 series, but its dimensions are amazingly miniaturized.

Frequency Range: 30-20,000 cps
Output Impedance: 50/200 ohms (must be specified in order)
Field Pattern: Switchable on microphone: non-directional, bi-directional, and cardioid
Non-linear distortion: Less than 0.4% entire range to 110 db absolute
Dimensions: Microphone: $\frac{7}{8}$ " dia. 6" length. Power supply: $8\frac{1}{2}$ " x 4" x $4\frac{3}{4}$ "
Weight: Microphone: 4 oz. Power supply: 5 lbs.
 Operates on 115 volt 40-60 cycles.

Complete microphone system consists of microphone, power supply (type NKM), interconnect cable (type KC-1), Z-38 full elastic suspension, AC power cable, U. S. fuse holder, pilot light, power connector, and XLR output receptacle, with mating cable connector. See price schedule for system makeups available.

KM-54a Miniature Condenser Microphone System (shown at right)
 Same as above but ultra cardioid directional pattern only. Length: $4\frac{3}{4}$ ".

KM-53a Miniature Condenser Microphone System (not shown)
 Same as above but non-directional pattern only. Length: $4\frac{3}{4}$ ".



NEUMANN
Type SM-2 Miniature
Stereo Double Microphone System

This latest addition to the condenser microphone field comprises two separate and complete condenser microphones and their respective preamplifiers in the same miniature housing. The two condenser capsules are mounted one above the other, the top one being rotatable to achieve the M-S Stereo Recording Technique (also known as intensity stereo). Each of the two microphone systems can be separately switched to any pattern (non-directional, bi-directional, and cardioid) or any one of six intermediate patterns. Specifications identical to KM-56 microphone with addition of extreme balance between systems, and numerous intermediate directional patterns.

Dimensions: Microphone: $1\frac{1}{8}$ " dia.; 8" length. Power supply: $8\frac{1}{2}$ " x 4" x $4\frac{3}{4}$ "
Weight: Microphone: $9\frac{1}{2}$ oz. Power supply: 5 lbs.
Both Sections:
Frequency range: 30-20,000 cps
Output Impedance: 50/200 (must be specified in order)
Directional pattern: Remote control switchable to omni-directional, cardioid, and figure-8 as well as six intermediate patterns
Harmonic Distortion: less than 0.4% entire range to 110 dB absolute.

Complete microphone system consists of microphone, power supply (type NSM), inter-connect cable (type SC-1) with Z-42 full elastic suspension, AC power cable, XLR Cannon output connectors, U. S. standard pilot light, fuse holder, AC receptacle.

NEUMANN MICROPHONE PRICE SCHEDULE

MICROPHONE SYSTEM DESIGNATION	MICROPHONE UNIT	POWER SUPPLY	INTERCONNECT CABLE	SUSPENSION	MICROPHONE STAND	BROADCAST NET PRICE
U-47 "Standard"	U-47a	NG	UC-4 (15')	---	---	\$335.00
U-47/U-48 "Studio"	U-47a/U-48a	NG	UC-3 (25')	Z-37 elast.	---	365.00
U-47 "Stereo Standard"	(2) U-47a	NG-2	(2) UC-4	---	---	595.00
U-47 48 "Stereo Studio"	(2) U-47a/48a	NG-2	(2) UC-3	(2) Z-37	---	660.00
U-47/48 with Stand	U-47a/U-48a	NG	UC-3	---	M-72	485.00
M-49b "Remote Control"	M-49b	NN-48a	C-26	MZ-49	---	495.00
M-50b "Single Mike"	M-50b	NN-48a	C-26	MZ-49	---	520.00
KM-MINIATURE SERIES						
KM-53a "Standard"	KM-53a	NKM	KC-1	SG-5	---	390.00
KM-54a "Standard"	KM-54a	NKM	KC-1	SG-5	---	410.00
KM-56 "Standard"	KM-56	NKM	KC-1	SG-5	---	440.00
KM-53a "Studio"	KM-53a	NKM*	KC-1	Z-38 elast.	---	415.00
KM-54a "Studio"	KM-54a	NKM	KC-1	Z-38 elast.	---	435.00
KM-56 "Studio"	KM-56	NKM	KC-1	Z-38 elast.	---	465.00
KM-53a "With Stand"	KM-53a	NKM	---	---	M-31b	425.00
KM-54a "With Stand"	KM-54a	NKM	---	---	M-31b	445.00
KM-56 "With Stand"	KM-56	NKM	---	---	M-31b	475.00
STEREO MICROPHONES						
SM-2 "Stereo Standard"	SM-2	NSM	SC-2	---	---	795.00
SM-2 "Stereo Studio"	SM-2	NSM	SC-1	Z-42 elast.	---	815.00
MM-3 "Calibrating Std."	MM-3	NM	C-26	Z-37 elast.	---	525.00
MM-3u "Calibrating Std."	MM-3u	NM	C-26	Z-37 elast.	---	550.00
MM-5 "Calibrating Std."	MM-5	NM	C-26	Z-37 elast.	---	575.00
MM-5u "Calibrating Std."	MM-5u	NM	C-26	Z-37 elast.	---	600.00

ACCESSORIES

All POWER SUPPLIES are equipped with American fuse holders—pilot lights—Cannon XLR-3-32 output receptacles—and AC power socket. Mating Cannon XLR-3-11 connector and molded AC cord is supplied. UNCONDITIONAL ONE YEAR GUARANTEE CERTIFICATE, instruction manual and full schematic diagrams provided. Each Microphone System packed in "off-the-shelf" shipping carton.



2 west 46th street new york 36, new york COLUMBUS 5-4111 cable: telaudio newyork